

44°52'11"N
106°52'30"W
T.8 S.
45°07'30"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DECKER QUADRANGLE
MONTANA—BIG HORN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
R. 40 E. R. 41 E.

OPEN FILE REPORT 79-647
PLATE 8 OF 43

OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

EXPLANATION

25
20

ISOPACHS OF THE COAL BED—Showing thickness, in
feet. Isopach interval 5 feet.

14.8+

BOUNDARY OF COAL DEPOSIT—Drawn along the
outcrop of coal bed and/or the contact between burned
and unburned coal, and/or the fault boundary of the coal
(dashed where inferred by present author beyond the
limits of original data). Arrows point toward coal-
bearing area. Number is thickness of coal bed, in feet,
measured at triangle. Plus (+) sign after number
indicates incomplete measurement.

U
D

FAULT—Dashed where approximately located. U, up-
thrown side; D, downthrown side.

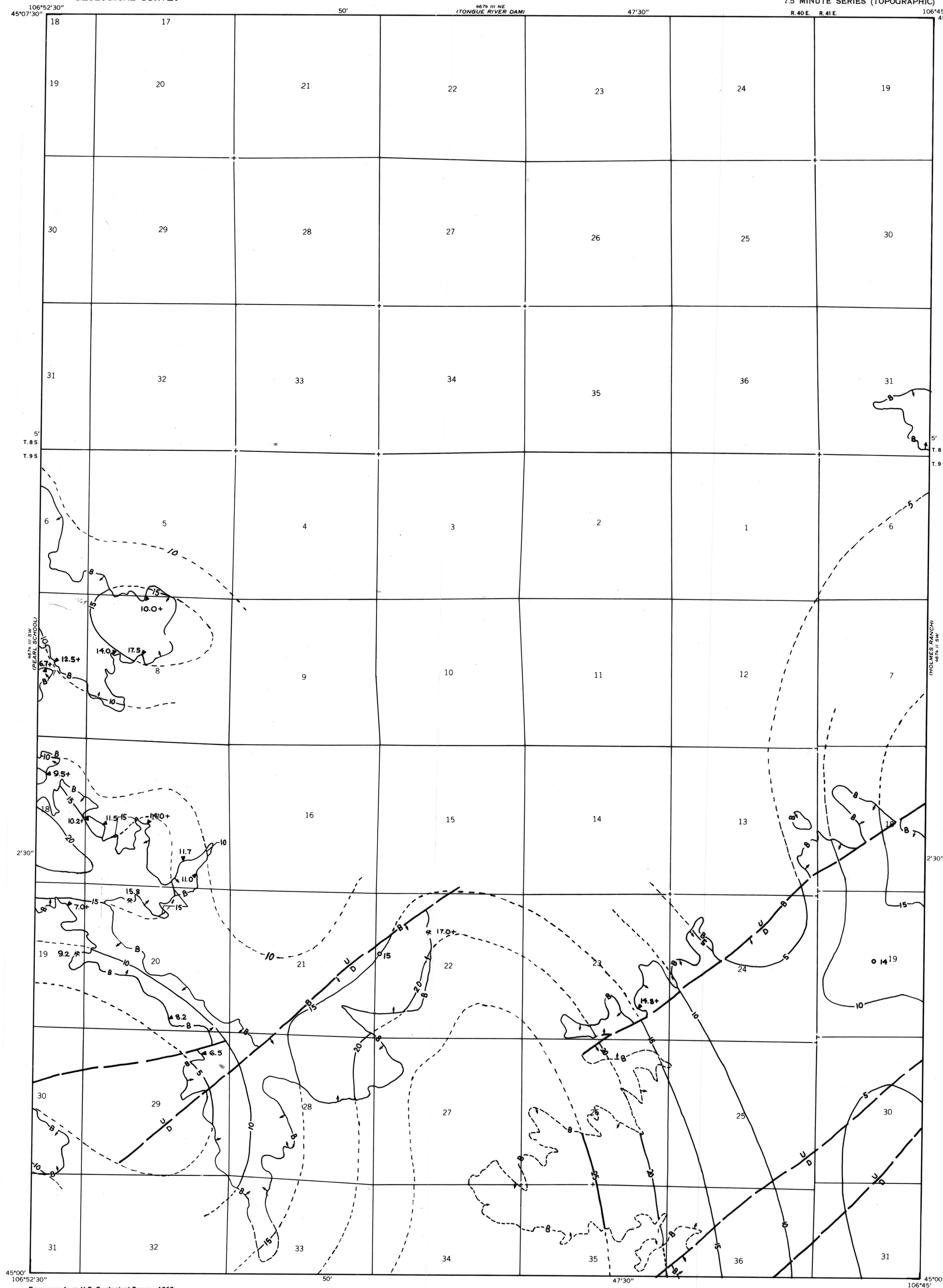
14

DRILL HOLE—Showing thickness of the coal bed, in feet.

17.0+

COAL MINE—Showing thickness of the coal bed, in feet.

To convert feet to meters, multiply feet by 0.3048.



Base map from U.S. Geological Survey, 1967

Compiled in 1977

UTM GRID AND 1967 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

MONTANA
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE DECKER QUADRANGLE,
BIG HORN COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 8
ISOPACH MAP OF
THE SMITH COAL BED